

REMARKS

At the outset, the Examiner is thanked for the thorough review and consideration of the pending application. The Office Action dated December 31, 2009 has been received and its contents carefully reviewed.

Claims 1 and 11 are hereby amended. Accordingly, claims 1, 5-11, 13-14 and 16-19 are currently pending. Reexamination and reconsideration of the pending claims are respectfully requested.

In the Office Action, claims 1, 5-11, 13, 14 and 16-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Naito (US Patent 6,462,735, hereinafter referred as Naito) in view of Kang (U.S. Pub. No. 2002/0063666, hereinafter referred as Kang).

The rejection of claims 1, 5-11, 13, 14 and 16-19 under 35U.S.C. 103(a) is respectfully traversed and reconsideration is requested.

Applicants respectfully submit that claims 1, 5-11, 13, 14 and 16-19 are patentable over Naito and Kang. Claim 1 recites an electro-luminescence display device including a combination of elements including, for example, “a timing controller for generating a gate control signal and a data control signal, wherein the timing controller includes a look-up table which receives Red, Green and Blue N-bit digital data signals having a same gray scale value, and converts the Red, Green and Blue N-bit digital data signals into Red, Green and Blue M-bit digital data signals respectively, wherein each of N and M is an integer, M is greater than N, and gray scale values of the Red, Green and Blue M-bit digital data signals are different from each other and wherein the Red, Green and Blue M-bit digital signals corresponding to each N-bit digital data signal are selected to provide a constant white balance”. Claim 11 recites a method of driving an electro-luminescence display device including a combination of elements including, for example, “converting the Red, Green and Blue N-bit digital data signal into Red, Green and Blue M-bit digital data signals, respectively using a timing controller, wherein each of N and M is an integer, M is greater than N, and gray scale values of the Red, Green and Blue M-bit digital data signals are different from each other and wherein the Red, Green and Blue M-bit digital signals corresponding to each N-bit digital data signal are selected to provide a constant white balance”. Naito fails to teach or suggest at least these features of the claimed invention. For example, the claimed invention recites “wherein the Red, Green and Blue M-bit digital

signals corresponding to each N-bit digital data signal are selected to provide a constant white balance”. Although Naito discloses conversion table (column 11, lines 12-23) which is read as the “look up table” by the Examiner, this conversion table of Naito fails to disclose “wherein the Red, Green and Blue M-bit digital signals corresponding to each N-bit digital data signal are selected to provide a constant white balance.” Further, Kang fails to cure the deficiencies of Naito.

Accordingly, Applicants respectfully submit that claims 1, 5-11, 13, 14 and 16-19 are allowable over Naito and Kang.

Applicants believe the application is in condition for allowance and early, favorable action is respectfully solicited.

If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at (202) 496-7500 to discuss the steps necessary for placing the application in condition for allowance. All correspondence should continue to be sent to the below-listed address.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911.

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Respectfully submitted,

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